

## WHAT I CLAIM IS:

1. A burglar alarm apparatus, attached to an electronic or electrical device, activated by unplugging a power cord connected to said alarm means and an electronic device, regardless of the positions of the main switch and device switch, comprising: a battery for providing power to the alarm circuit; power switch means for enabling or disabling said alarm either by locally or remotely; voltage charger means for charging the DC battery; the first voltage divider circuit and filter circuit to provide a reference voltage to a comparator; the second voltage divider circuit and filter circuit which provides comparing voltage to the other input terminal of the comparator, wherein the comparing voltage will be drastically changed when the power cords of the alarm and an electronic / electrical device are disconnected from the power outlets; a comparator for comparing two inputs and producing one output with the appropriate voltage level either high level or low level depending upon the power cord states unplugged or plugged; a timer circuit for generating a positive pulse during which the alarm is activated; power amplifier for amplifying the output current high enough to drive the sound device; sound device for generating audible sound; two power cords for connecting said alarm device and an electrical / electronic device to

power source means, a case for housing the apparatus; and mounting means for attaching said alarm apparatus to the electronic or electrical device.

2. A burglar alarm apparatus according to claim 1, wherein a voltage charger is charging the DC battery voltage and the power switch is either remotely controlled switch or locally operative switch.
3. A burglar alarm apparatus according to claim 1, wherein the second voltage divider circuit includes a resistor external to the alarm circuit, across two power lines on any convenient place between main switch and any power outlet.
4. A burglar alarm apparatus according to claim 1, wherein the power cord of the electronic / electrical device is connected in the same power outlet in parallel with the power cord of the alarm system when the DC power input of the device has high impedance.
5. A burglar alarm apparatus according to claim 1, wherein the power cord of the electronic / electrical device is connected to a separate outlet other than the one used by the alarm circuit when the DC power input impedance of the device is low value.
6. A Burglar alarm apparatus according to claim 1, wherein said comparator

- means (a) receives two DC voltages, one from the first voltage divider circuit, the other one from the second voltage divider circuit which includes an external resistor that breaks circuit continuity when the power cord is unplugged, and drops the comparing voltage to almost zero volt.
7. A burglar alarm apparatus according to claim 1, wherein said timer means (a) comprises 555 timer chip and associated circuit, (b) produces a pulse output with the period adjustable by a potentiometer, during which, alarm is activated.
  8. A burglar alarm apparatus according to claim 1, wherein said case for housing the apparatus is to make the alarm as a stand alone device.
  9. A burglar alarm apparatus, securely attached to an electronic / electrical device, activated by unplugging power cord connected to said alarm means comprising: a battery for providing power to the alarm circuit; power switch means for connecting battery DC voltage to the alarm circuit; power supply means to convert AC voltage to DC voltage; a comparator to compare a comparing voltage to a reference voltage; a timer circuit to generate a positive pulse; and alarming circuits.
  10. A burglar alarm apparatus according to claim 9, wherein the power switch means is either locally controlled key switch, coded switch, or remotely controlled switch.

11. A burglar alarm apparatus according to claim 9, wherein the power supply converts AC to DC voltage, which is used for the charger to charge the battery and used as a comparing voltage for the comparator.
12. A burglar alarm apparatus according to claim 9, the comparator compares two input voltages, first input from the fixed battery voltage, second input from the power supply output, where if the power cord is connected in the hot power outlet, the power supply output sets the comparator output inactive state, if the power cord is disconnected, the comparator output is in active state and triggers the timer circuit and activates alarming circuits.
13. A burglar alarm apparatus according to claim 9, wherein the power Supply circuit is internal to the alarm circuit.
14. A burglar alarm apparatus according to claim 9, wherein the power supply is external unit to the alarm circuit.
15. A method of activating an alarm apparatus, irrespective to the positions of the main switch or the device switch (on or off), of an electronic or electrical device, by unplugging the power cord connected to said apparatus and said electronic or electrical device.
16. A method of activating an alarm apparatus according to claim 9, connecting a resistor in the second voltage divider circuit external to the

alarm circuit to nullify the effect of the states of the main switch and the device switch.

17. A method of activating an alarm apparatus according to claim 15, embedding an alarm means as part of an electronic or electrical device, wherein the alarm means is activated, when the power cord of said device is disconnected from a power outlet, irrespective to the positions of main switch and device switch.